



Statewide Ortho Imagery— Washington State's Opportunity...

to Participate in the
**National Agriculture
Imagery Program**

Washington State agencies participate in a cooperative aerial photography mapping program that produces orthophoto data for much of the state of Washington.

The State Program

This means that cooperating state agencies are using the same base data for conducting regulatory, land management and planning work. This cooperative program will complete and deliver its first cycle of color orthophoto coverage in early 2006. A goal of the state of Washington program is to provide a consistent set of data over the entire geographic extent of the state. However, funding did not allow aerial photography to be collected on Federal lands or the Columbia Basin during this most recent cycle (Figure 1).

The National Agriculture Imagery Program (NAIP), a cooperative program between Federal

The Federal Program

Agencies, provides orthophoto data of agricultural

lands. The focus of the Federal program is to provide orthophoto imagery of agricultural lands to support Federal ag and natural resource conservation programs. The major product of this program is a moderate (2 meter) resolution orthophoto that is produced and provided to crop compliance field staff within 30 days of the date of aerial photography (Figure 2).

The NAIP program is willing to expand its coverage from ag lands to statewide coverage and increase the resolution of

its orthophoto product to one meter if additional funds can be obtained from cooperating states.

NAIP plans to fly the state of Washington in 2006 and produce statewide

coverage if organizations within the state agree to participate and provide additional funding. This is an opportunity for organizations in the state of Washington to obtain statewide orthophoto coverage collected in a single flying season.

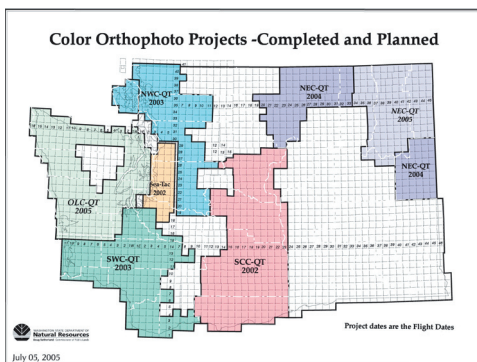


Figure 1
Orthophoto coverage
provided by state of
Washington program

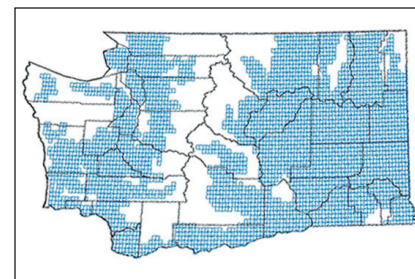


Figure 2
Ortho cover-
age provided
by NAIP

Seize the moment...

NAIP Standard

The National Agriculture Imagery Program will collect ortho image data of the following specifications in 2006 if Washington agencies **do not** participate.

■ Coverage-Agricultural lands only (Figure 3)

■ Resolution-two meter pixel resolution

■ Imagery – true color

■ Accuracy \pm five meter horizontal accuracy

■ Image products

■ 1. Compressed county mosaicked file (MrSid 15:1 compression)

■ 2. Quarter quadrangle format tiff file with two meter resolution

■ Projection UTM zone appropriate (Zone 10 and Zone 11)

■ Cloud cover up to ten percent

◀ Current Standard:

■ Agricultural lands

■ 2 meter image

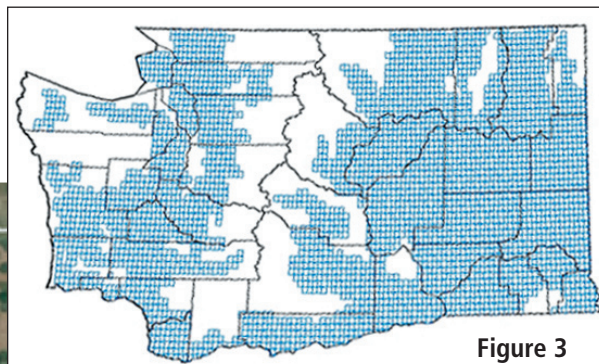
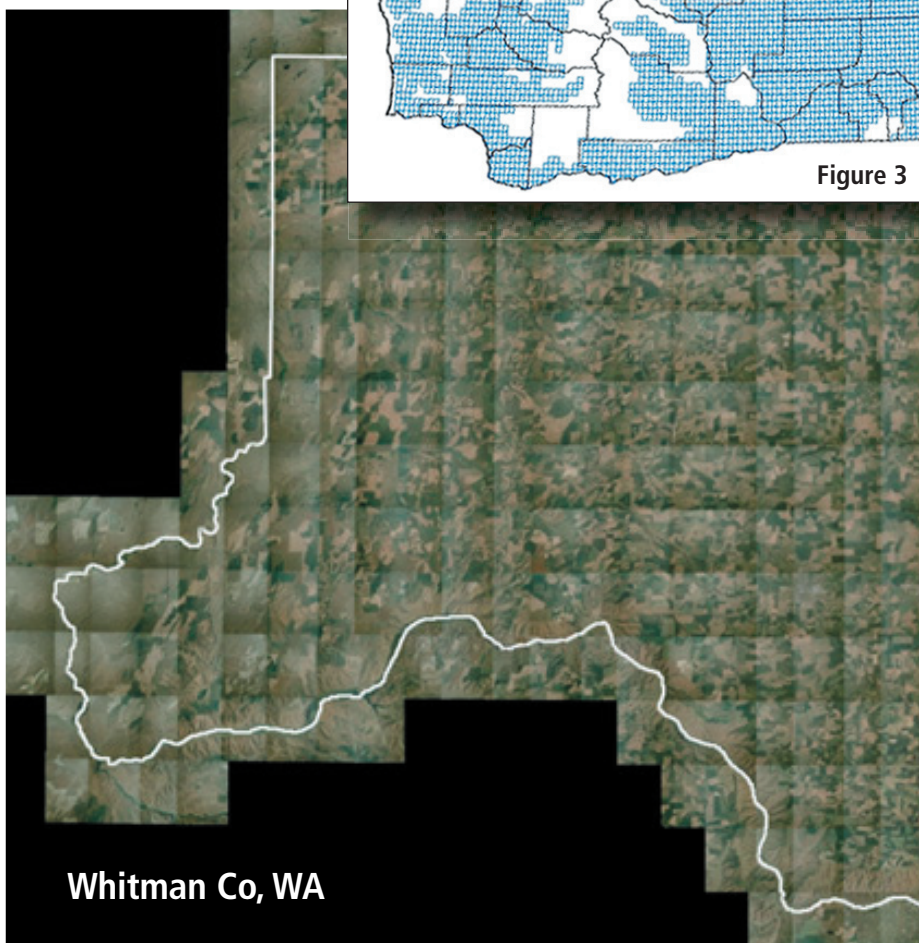
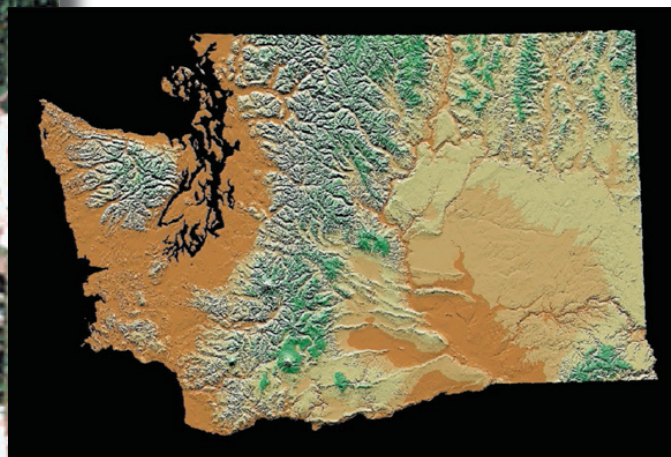


Figure 3



Whitman Co, WA

Additional information about the NAIP program can be found at:
www.apfo.usda.gov



NAIP

Cooperatively Enhanced Specifications

Washington Geographic Information Council's (WAGIC) goal for this effort is to, as a minimum, acquire cooperative funding (\$400,000) to expand the National Agriculture Image Program to include statewide coverage and an enhanced resolution from two meters to one meter. A secondary goal is to allow the acquisition of value added products for organizations that need and can fund these products (\$800,000 total cooperative funding).

The National Agriculture Imag-

ery Program will collect ortho image data to the following specifications in 2006 if Washington agencies **do** participate.

Basic Enhanced Specifications (\$400,000 cooperative funding)

- **Statewide** orthophoto image coverage
- Resolution-one meter pixel resolution
- Imagery – true color

■ Accuracy \pm five meter horizontal accuracy

Image products

- 1. Compressed county mosaicked file (MrSid 15:1 compression)
- 2. Quarter quadrangle format tiff file with one meter resolution

■ Projection UTM appropriate (Zone 10 and Zone 11)

■ Cloud cover up to ten percent

Value Added Products (\$800,000 cooperative funding)

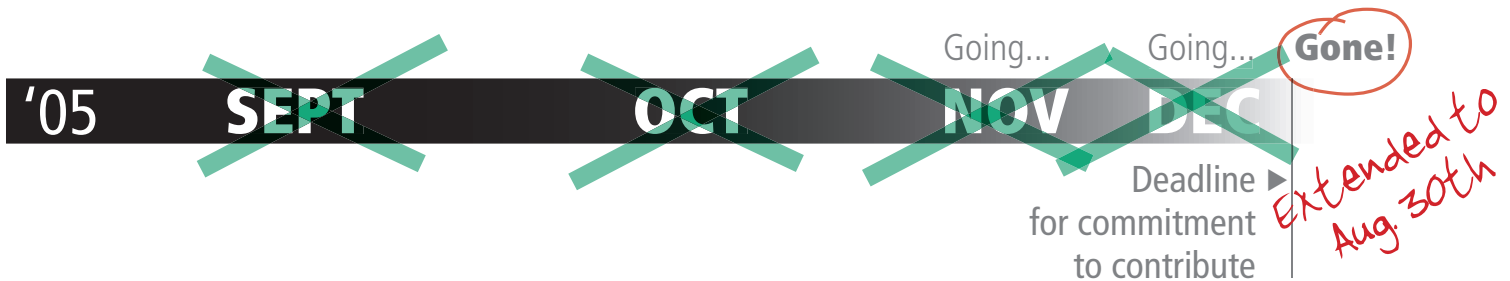
- Projection State Plane Zone Appropriate, statewide south zone
- Resolution Resampled to state of Washington 3 foot pixel size
- Enhanced resolution - 18 inch resolution

Cost to

Participate and proposed schedule

Goal: To raise a total of \$800,000+ in contributions from State, County, and Federal government organizations,

before the end of August 2006. This level of contribution will provide statewide coverage and 18 inch resolution data.



Coordination and Contacts

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